

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Currently Amended) A liquid crystal device including a first substrate and a second substrate opposing each other and a liquid crystal enclosed in a gap between the first substrate and the second substrate, the liquid crystal device comprising:

- a reflective film which is provided on the first substrate and contains silver;
- a protective film provided on the reflective film;
- a first transparent electrode provided on the protective film;
- an alignment film provided on the first transparent electrode; and
- a first lead which supplies signals from a driver IC to pixels, provided on the first substrate;

wherein the first lead has a metal film, and an average diameter of crystal grains in the metal film is larger than an average diameter of crystal grains in the reflective film.

2. (Cancelled)

3. (Previously Presented) The liquid crystal device according to claim 1, wherein the average diameter of the crystal grains in the reflective film is in the range of 0.1 nm to 6.0 nm, and the average diameter of the crystal grains in the metal film is in the range of 2.0 to 20 nm.

4. (Previously Presented) The liquid crystal device according to Claim 1, wherein the metal film is provided on the reflective film.

5. (Previously Presented) The liquid crystal device according to Claim 1, wherein the first lead further comprises a metal oxide film deposited on the metal film.

6. (Previously Presented) The liquid crystal device according to Claim 1, further comprising:

a second transparent electrode provided on the second substrate; and

a driver IC for supplying output signals to the first lead,

wherein the first lead is connected to the second transparent electrode with a conductor.

7. (Original) The liquid crystal device according to Claim 6,
wherein the metal film is formed at a portion other than the connection to the
driver IC.

8. (Previously Presented) The liquid crystal device according to Claim 1,
further comprising:

a second lead provided on the first substrate; and

a driver IC for driving the liquid crystal,

wherein the second lead comprises a metal film, and an input signal is supplied
to the driver IC through the second lead.

9. (Original) The liquid crystal device according to Claim 8,
wherein the metal film is formed at a portion other than the connection to the
driver IC.

10. (Original) The liquid crystal device according to Claim 8,
further comprising an external circuit board for supplying the input signal to the
driver IC,

wherein the external circuit board is connected to the second lead, and

the metal film is formed at a portion other than the connection to the external
circuit board.

11. (Original) The liquid crystal device according to Claim 1, further comprising:

a first lead connected to the first transparent electrode; and
a driver IC connected to the first lead,
wherein the first lead comprises a metal film.

12. (Original) The liquid crystal device according to Claim 11,
wherein the metal film is formed at a portion other than the connection to the driver IC.

13. (Original) The liquid crystal device according to Claim 11, further comprising:

a second lead provided on the first substrate,
wherein the second lead comprises a metal film, and
an input signal is supplied to the driver IC through the second lead.

14. (Original) The liquid crystal device according to Claim 13, further comprising:

an external circuit board supplying an input signal to the second lead,
wherein the metal film of the second lead is formed at a portion other than the connection to the external circuit board.

15. (Original) An electronic apparatus comprising a liquid crystal device according to Claim 1.

16. (Cancelled)

17. (Currently Amended) The liquid crystal device according to Claim 1
~~16~~, wherein the protective film contains titanium oxide.

18. (Original) The liquid crystal device according to Claim 17, wherein the protective film has a refractive index of 1.8 or more.

19. (Original) A liquid crystal device including a first substrate and a second substrate opposing each other and a liquid crystal enclosed in a gap between the first substrate and the second substrate; the liquid crystal device comprising:

a reflective film which is provided on the first substrate and contains silver;

first transparent electrodes provided on the reflective film; and

second transparent electrodes provided on the second substrate;

wherein dots are formed corresponding to crossings of the first transparent electrodes and the second transparent electrodes, a plurality of the dots defining one pixel,

different color layers are assigned to the dots defining said one pixel, the color layers containing a blue color layer and a red color layer, and

the distance from a white coordinate point to a coordinate point of the light which passes through the blue color layer is larger than the distance from the white coordinate point to the coordinate point of the light which passes through the red color layer in an xy chromaticity diagram.

20. (Currently Amended) A liquid crystal device including a first substrate and a second substrate opposing each other and a liquid crystal enclosed in a gap between the first substrate and the second substrate; the liquid crystal device comprising:

- a reflective film which is provided on the first substrate and contains metal;
- a first transparent electrode deposited on the reflective film; and
- a lead which supplies signals from a driver IC to pixels, provided on the first substrate,

wherein the lead comprises a metal film, and

the average diameter of the crystal grains in the metal film is larger than that of the crystal grains in the reflective film.

21. (Original) The liquid crystal device according to Claim 20, further comprising:

- a first extending region which is provided at one side of the first substrate and which does not overlap the second substrate; and
- a second extending region which is provided at a side crossing said one side of

wherein the lead is provided over the first extending region and the second extending region.

22. (Currently Amended) A method for making a liquid crystal device including a first substrate and a second substrate opposing each other and a liquid crystal enclosed in a gap between the first substrate and the second substrate, the method comprising the steps of:

providing a reflective film containing silver on the first substrate;

providing a protective film on the reflective film;

providing a metal film constituting a lead for supplying signals form a driver IC to pixels, on the first substrate;

providing a first transparent electrode on the protective film; and

providing an alignment film on the first transparent electrode;

wherein an average diameter of crystal grains in the metal film is larger than an average diameter of crystal grains in the reflective film.

23. (Cancelled)

24. (Cancelled)

25. (Currently Amended) The method for making a liquid crystal device according to Claim 24 22, wherein the protective film contains titanium oxide.

26. (Original) The method for making a liquid crystal device according to Claim 25, wherein the protective film has a refractive index of 1.8 or more.

27. (Previously Presented) A liquid crystal device including a first substrate and a second substrate opposing each other and a liquid crystal enclosed in a gap between the first substrate and the second substrate, the liquid crystal device comprising:

a reflective film which is provided on the first substrate and contains silver;

a protective film provided on the reflective film;

a first transparent electrode provided on the protective film;

an alignment film provided on the first transparent electrode; and

a first lead provided on the first substrate.

wherein the first lead has a metal film, the reflective film and the metal film are composed of elemental silver or primarily composed of silver and the reflectance of the reflective film is higher than that of the metal film.

28. (Previously Presented) A liquid crystal device including a first substrate and a second substrate opposing each other and a liquid crystal enclosed in a gap between the first substrate and the second substrate, the liquid crystal device comprising:

a reflective film which is provided on the first substrate and contains silver;

a protective film provided on the reflective film;

a first transparent electrode provided on the protective film;

an alignment film provided on the first transparent electrode; and

a first lead provided on the first substrate,

wherein the first lead has a metal film, the reflective film and the metal film are composed of elemental silver or primarily composed of silver, and the lead resistance of the metal film is lower than that of the reflective film.

29. (Previously Presented) The liquid crystal device according to Claim 1, wherein the first lead contains a part of the first transparent electrode, and the part of the first transparent electrode is deposited on the metal film.

30. (Previously Presented) The liquid crystal device according to Claim 1, further comprising:

a second transparent electrode provided on the second substrate,

wherein the first lead is connected to the second transparent electrode with a conductor.

31. (Previously Presented) The liquid crystal device according to Claim 1, wherein the reflective film and the metal film are composed of elemental silver or primarily composed of silver.

32. (Previously Presented) The liquid crystal device according to Claim 1, wherein the protective film contains titanium oxide.

33. (Previously Presented) A method for making a liquid crystal device including a first substrate and a second substrate opposing each other and a liquid crystal enclosed in a gap between the first substrate and the second substrate, the method comprising the steps of:

providing a reflective film on the first substrate, the reflective film composed of elemental silver or primarily composed of silver;

providing a protective film on the reflective film;

providing a metal film on the first substrate, the metal film composed of elemental silver or primarily composed of silver, and the metal film constituting a lead;

providing a transparent electrode on the protective film; and

providing an alignment film on the first transparent electrode,

wherein the reflectance of the reflective film is higher than that of the metal film.

34. (Previously Presented) A method for making a liquid crystal device including a first substrate and a second substrate opposing each other and a liquid crystal enclosed in a gap between the first substrate and the second substrate, the method comprising the steps of:

providing a reflective film on the first substrate, the reflective film composed of elemental silver or primarily composed of silver;

providing a protective film on the reflective film;

providing a metal film on the first substrate, the metal film composed of elemental silver or primarily composed of silver, and the metal film constituting a lead;

providing a transparent electrode on the protective film; and

providing an alignment film on the first transparent electrode,

wherein the lead resistance of the metal film is lower than that of the reflective film.

35. (Currently Amended) A method for making a liquid crystal device including a first substrate and a second substrate opposing each other and a liquid crystal enclosed in a gap between the first substrate and the second substrate, the method comprising the steps of:

providing a reflective film and a metal film on the first substrate, the reflective film containing silver, and the metal film constituting a lead for supplying signals from a driver IC to pixels;

providing a protective film on the reflective film;

providing a transparent electrode on the protective film; and

providing an alignment film on the first transparent electrode, wherein an average diameter of crystal grains in the metal film is larger than an average diameter of crystal grains in the reflective film.

36. (Previously Presented) A method for making a liquid crystal device including a first substrate and a second substrate opposing each other and a liquid crystal enclosed in a gap between the first substrate and the second substrate, the method comprising the steps of:

providing a reflective film and a metal film on the first substrate, the reflective film and the metal film composed of elemental silver or primarily composed of silver, and the metal film constituting a lead;

providing a protective film on the reflective film;

providing a transparent electrode on the protective film; and

providing an alignment film on the first transparent electrode, wherein the reflectance of the reflective film is higher than that of the metal film.

37. (Previously Presented) A method for making a liquid crystal device including a first substrate and a second substrate opposing each other and a liquid crystal enclosed in a gap between the first substrate and the second, the method comprising the steps of:

providing a reflective film and a metal film on the first substrate, the reflective film and the metal film composed of elemental silver or primarily composed of silver, and the metal film constituting a lead;

providing a protective film on the reflective film;

providing a transparent electrode on the protective film; and

providing an alignment film on the first transparent electrode,

wherein the lead resistance of the metal film is lower than that of the reflective film.